

## **A Signal Processor Used For Symbol Recovery And Methods Therein**

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### **Abstract of the Disclosure**

A signal processor and method therein that is arranged and constructed to recover a sequence of symbols from a received signal is discussed. The processor includes a symbol selector for selecting a symbol based on the received signal over  
10 a time period including previous symbol periods, said symbol period, and a number of additional symbol periods, where said number of additional symbol periods depends on the inter symbol interference associated with the received signal. The processor utilizes an MLSE approach that is adapted to be especially calculation efficient.